

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**  
(check, if applicable)

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No.: 600630-7US (562399)  
First Named Inventor: Yasuhiko TAKAHASHI, et al.  
Express Mail Label No.: EV199928065US  
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

NOVEL G PROTEINS, POLYNUCLEOTIDES ENCODING THE SAME AND  
UTILIZATION THEREOF

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior Application No. \_\_\_\_ filed \_\_\_\_.

Anticipated Group/Art Unit: \_\_\_\_ or Class \_\_\_\_, Subclass \_\_\_\_.

☐ This non-provisional patent application is based on Provisional Patent Application No. \_\_\_\_  
\_\_\_\_, filed \_\_\_\_.

Enclosed are:

☒ Specification (including Abstract and Sequence Listing) and claims: 176 pages.

☒ 4 sheets of drawings (formal).

☐ Application Data Sheet.

☒ Newly executed Declaration (original).

☐ Copy of Declaration from prior application.

☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).

☐ Microfiche computer program (Appendix).

☒ Nucleotide and/or Amino Acid Sequence Submission, including:

☒ Computer readable copy ☒ Paper Copy ☒ Verified Statement.

☒ Under PTO-1595 Cover Sheet, an assignment of the invention

☒ Name of Assignee: Sumitomo Chemical Co., Ltd.

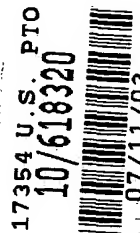
☒ Certified copies of Japanese Application Nos. 2002-206841, 2002-367778, and 2003-095955 filed July 16, 2002, December 19, 2002, and March 31, 2003, respectively, are filed: ☒ herewith or ☐ in prior application \_\_\_\_.

☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.

☒ Preliminary Amendment.

☐ Information Disclosure Statement, PTO/SB/08A, and cited references.

☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)



☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$375			\$750	
Total	53-20 =	33	X9	\$	OR	X18	\$ 594
Independent	13 - 3 =	10	X42	\$	OR	X84	\$ 840
<input type="checkbox"/> Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			TOTAL	\$	OR	TOTAL	\$ 2,184

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of \$ 2,184 .00 to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 600630.0007)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

#### CORRESPONDENCE ADDRESS

11 July 2003  
(Date)

By:

KRISTYNE A. BULLOCK

Registration No. 42,371

**AKIN GUMP STRAUSS HAUER & FELD LLP**

One Commerce Square

2005 Market Street, Suite 2200

Philadelphia, PA 19103-7013

Telephone: 215-965-1200

**Direct Dial: 215-965-1348**

Facsimile: 215-965-1210

E-Mail: kbullock@akingump.com

KAB/vj  
Enclosures

☒ Customer Number or Bar Code Label: **000570**